

WHAT IS CLAIMED IS:

1. An information processing apparatus, comprising:  
 information receiving means for receiving first and second types of  
 information;  
 5 conversion means for digitizing said first and second types of  
 information;  
 detection means for detecting the times said first and second types of  
 information are received by said receiving means;  
 annexing means for annexing header information to said first and  
 10 second types of digitized information, with said header information comprising said  
 times;  
 recording means for recording said digitized information with said  
 annexed header information; and  
 reproduction means for reproducing said recorded information.
- 15 2. The information processing apparatus according to claim 1, wherein:  
 said annexing means includes means for annexing the same header  
 information that is already annexed to said first type of information, during  
 reproduction of said first type of information, to said second type of information while  
 recording said second type of information.
- 20 3. The information processing apparatus according to claim 1, wherein:  
 said annexing means includes means for replacing header information  
 that is already annexed to said first type of information with the same header  
 information that is annexed to said second type of information.
- 25 4. The information processing apparatus according to claim 1, further in-  
 cluding:  
 a first modification means for modifying a rate of speed at which said  
 information receiving means receives said first type of information; and  
 a second modification means for modifying a time interval during  
 which said information receiving means receives said second type of information in  
 30 proportion to the results of said modifying of said first modification means.

5           5.       The information processing apparatus according to claim 4, wherein:  
                   said first type of information comprises photographic images and said  
                   second type of information comprises sounds and said second modification means  
                   modifies said time interval to  $1/N$  seconds when said first modification means has  
                   modified said rate of speed to  $N$  photographic frames per second.

                  6.       An information processing apparatus, comprising:  
                   a photographic lens;  
                   a microphone;  
                   a photoelectric device, said photoelectric device being connected to said  
                   photographic lens for receiving images from said photographic lens and converting  
                   said images into electrical signals;  
                   an analog/digital conversion device, said analog/digital conversion  
                   device being connected to said photoelectric device and said microphone for  
                   digitizing analog signals received from said photoelectric device and said microphone;  
                   an electronic memory for recording said digitized signals;  
                   a microprocessor, said microprocessor being connected to said  
                   analog/digital conversion device and having a clock circuit for recording the times  
                   when said photographic lens receives said images and said microphone receives  
                   sounds, an annexing means for annexing said times as header information to said  
                   digitized signals, and reproduction means for retrieving said digitized signals from  
                   said electronic memory;  
                   a display device being connected to said microprocessor; and  
                   a speaker being connected to said microprocessor.

                  7.       The information processing apparatus according to claim 6, further in-  
                   cluding:  
                   a touch tablet for receiving input information by contact with said touch  
                   tablet, said touch tablet being connected to said microprocessor and providing  
                   digitized signals corresponding to said contact to said microprocessor.

                  8.       A method of processing information with an information processing  
                   device having information receiving means, conversion means for digitizing informa-  
                   tion received by the information receiving means, an electronic memory, and a

microprocessor, said microprocessor having a clock circuit, an annexing means and reproduction means, said method including the steps of:

receiving a first type of information with said information receiving means;

5 converting said first type of information into first digital signals;

detecting a first time that said first type of information is received by said information receiving means;

annexing said first time as first header information to said first digital signals;

10 recording said first digital signals with said first header information on said electronic memory;

reproducing said first digital signals while receiving a second type of information with said information receiving means;

15 converting said second type of information into second digital signals;

detecting a second time that said second type of information is received by said information receiving means;

annexing said second time as second header information to said second digital signals, and replacing said first header information recorded with said first digital signals with said second header information.

20 9. The method of claim 8, wherein:

said step of receiving a first type of information comprises receiving an image through a photographic lens;

25 said step of converting said first type of information comprises converting said image into first analog electrical signals with a photoelectric device and subsequently converting said first analog electrical signals into first digital signals; and

30 said step of reproducing said first digital signals while receiving a second type of information comprises reproducing said first digital signals while receiving sounds with a microphone, said microphone converting said sounds into second analog electrical signals.

10. The method of claim 9, wherein:

said first header information is annexed to said first and second digital signals.

5           11.    The method of claim 9, further including:  
              receiving a third type of information with said information receiving  
              means;  
              converting said third type of information into third digital signals;  
              detecting a third time said third type of information is received by said  
              information receiving means;  
              annexing said third time as third header information to said third digital  
10           signals; and  
              recording said third digital signals with said third header information on  
              said electronic memory.

15           12.    The method of claim 11, wherein:  
              said step of receiving a third type of information comprises receiving  
              two-dimensional data by contact of a writing instrument with a surface on said  
              information processing device, wherein said surface senses the positions assumed by  
              said writing instrument.

20           13.    The method of claim 8, further including the step of:  
              deleting said first digital signals from said electronic memory with said  
              first digital signals having said first time annexed thereto and deleting said second  
              digital signals having said second time annexed thereto when said second time is  
              equal to said first time.

25           14.    The method of claim 8, further including the step of:  
              deleting one of said first and second digital signals from said electronic  
              memory when said first and second header informations are the same without deleting  
              the other of said first and second digital signals from said electronic memory.

30           15.    An information input apparatus comprising:  
              photographing means for photographing a subject;  
              recording means for recording sound;  
              a first changing means for changing a number of image frames  
              photographed by said photographing means per unit time; and

a second changing means for changing a recording time interval during which sound information is recorded by said recording means in proportion to a number of photographed image frames per unit time as changed by said first changing means.

5           16.    A recording medium on which is recorded a control program for controlling an information input apparatus to cause the information input apparatus to:

photograph a subject;

change the number of photographed image frames per unit time;

record sound information; and

10           change a recording time interval during which sound information is recorded in proportion to the changed number of photographed image frames per unit time.

15           17.    The recording medium of claim 16, wherein the control program changes the recording time interval during which sound information is recorded to 1/N second, when the number of photographed image frames per second is N frames.

18.    An information input apparatus comprising:

input means for inputting a plurality of types of information;

attaching means for attaching a specified header information to information input by said input means;

20           recording means for recording the information to which said header information is attached;

replay means for replaying information recorded by said recording means; and

25           control means for ensuring that when new information is input by said input means while information recorded by said recording means is being replayed by said replay means, the header information attached to said information being replayed and header information attached to said new information are one of the same and related header information.

30           19.    A recording medium on which is recorded a control program for controlling an information input device to cause the information input device to:

input a plurality of types of information;

attach specified header information to the input information;

record information to which said header information is attached;  
replay the recorded information; and

- when new information is input while recorded information is being  
replayed, the header information attached to said information being replayed is made  
5 to be one of the same and related header information to the header information  
attached to said new information.

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FEB 14 1968  
FEB 14 1968